ate first production: 1 husequent Report of a	126-18 Wandonment - 6/21/
Entered in NID File	Checked by Chief
Card Indexed	Approval Letter Disapproval Letter
COMPLETION DATA:	
OW.	Location Inspected
oW 9S PA	Bond released State or Fee Land
Driller's Log	12.70

E..... Dual I Lat..... GR-N..

MC Scnic GR...... Lat..... Mi-L..... Sonic....

CONDITIONS OF APPROVAL, IF ANY:

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES DEPARTMENT OF THE INTERIOR

5.	LEASE	DESIGNATION	AND	SERIAL	NO.

GEOLO		U-27359				
APPLICATION FOR PERMIT	O DRILL, E	EEPE	N, OR PLUG B	ACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
1a. TYPE OF WORK DRILL X	DEEPEN [PLUG BAC		7. UNIT AGREEMENT NAME	
b. TYPE OF WELL OIL GAS WELL WELL OTHER 2. NAME OF OPERATOR		SIN	GLE ZONE		S. FARM OR LEASE NAME	
Zion Crude Oil Compa 3. ADDRESS OF OPERATOR	ny		ate requirements 4%	W/	9. WELL NO. ACE #1	
POBox 370, Hurricane 4. LOCATION OF WELL (Report location clearly and At surface 250 FNL & 1200 FW	, Utah 8	4737	ate requirements.	19>>	VIRGIN	
					11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
Ref. point Mohawk At proposed prod. zone same	ne nu		(S) IF	TE	SEC 23,T41S,R12W,S	SLM
14. DISTANCE IN MILES AND DIRECTION FROM NEAL Approx. 1 mile NE	of Virgi	n, U	tah		12. COUNTY OR PARISH 13. STATE WASHINGTON UTAH	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig, unit line, if any)			of acres in lease	TO T	F ACRES ASSIGNED HIS WELL (NW NW SEC 23)	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			POSED DEPTH		RY OR CABLE TOOLS	
21. ELEVATIONS (Show whether DF, RT, GR, etc.)	3612' GR				22. APPROX. DATE WORK WILL START* within 90 days of	
23. I	PROPOSED CASIN	G AND	CEMENTING PROGRA	М	approval date	
SIZE OF HOLE SIZE OF CASING	WEIGHT PER FO		SETTING DEPTH		QUANTITY OF CEMENT	
8" surface 7" OD	11.5#/ft	-	100'	grou	nted to surface of	
This well is in the gen information required by The overall map (EXHIBI The stipulation for GUS The location of ACE #1 certified survey used i	NTL-6 and T B) has #1 and t has been	l its been he A sket	supplement revised to PD for GUS # ched to scal	are : inclu #1 har le on	included with this AF ude wells ACE #1 & #2 ve also been included a copy of the same	PD. 2.
and the subsequent APD' A new drilling pad will will be kept to an abso same existing roads to	be requi lute mini wells GUS	red mum; #1	(approx. 50' access to t & #2.	the lo	ocation will be on th	ne
Two wells (ACE #1 & ACE of the Virgin Oil Field	#2) are have pro	plan ven	ned, because that allowin	e the	historical complexit r only one well is	cies
too optimistic.						
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If zone. If proposal is to drill or deepen directions preventer program, if any.						
24. BIGNED Martin Knetz	ing TH	vi	-ce-Presiden	t	8-25-77	•
(This space for Federal or State office use) PERMIT NO. 43-053-300	30		APPROVAL DATE			
A DUNGUERO DE					DATE	

District Oil and Gas Engineer
U. S. Geological Survey
Conservation Division
8440 Federal Building
Salt Lake City, Utah 84138

Re: Stipulation

ZION CRUDE OIL CO. ACE # 1

Dear Sir:

Zion Crude Gil Co. 18 the owner of U. S. Ull and	
Cas lease U. 27359 and proposes to drill a Well	•
on the leased premises to test for OII and gas at a location in the	
NEL NULL VILLE Section 23. T. 415. R. IZW. Salt Lake Basemer.	
Washington County, State of Utah, 250	
Washington County, State of Utah , 250' from West line of	
Section 23	
Section 221.20 of the Federal Oil and Gas Regulations requires that	
no well be drilled less than 200' from the boundary of any legal	
subdivision without the written consent of the Supervisor, United	
States Geological Survey. The proposed location is approximately	_
137' from the $west$ boundary line of the	ie
NE & NW % of Section 23, but is considered to be	
nocessary because of ocitical nature of well placement: ic.	
	_
high occuracy required to contact relatively narrow oil target	_

Therefore, Zion Crude Oil Company, Lessee, requests the consent of the Supervisor to the drilling of the proposed well at the above-described location. In consideration of such consent, Zion Crude Oil Company, Lessee, hereby expressly covenants and agrees that he will make no separate assignments of the NW & NW & and the NE & NW &, Section 23, T. 415, R. 12W, SLB+ Mer., and that he will keep the two described subdivisions under joint assignment until the above-mentioned well has been plugged and abandoned with the approval of the Supervisor.

Very truly yours,

Martin Knothing

VICE- PRESIDENT

ZION CRUDE DIC CO.

August 25, 1977

** FIL	E NOTATIONS **
Date: Sept-6-	
Operator:	ude Ou
Well No:#/	•
Location: Sec. 33 T. 415	R. 12W County: Washington
File Prepared / //// Card Indexed / ////	Entered on N.I.D. Completion Sheet
CHECKED BY:	•
Administrative	
Administrative Assistant Remarks: 12-42-46	rewrew.
Remarks: 00 - dG . A	
Petroleum Engineer	ak to
Remarks:	<u>-</u>
Director	
Remarks:	
INCLUDE WITHIN APPROVAL LETTER:	
Bond Required	Survey Plat Required / /
Order No/	Surface Casing Change //
Rule C-3(c), Topographic ex within a 660'.	ception/company owns or controls acreage radius of proposed site / //
0.K. Rule C-3 //	0.K. In Unvit 1
Whold#2	
luding onteam 1-4/1)	/ Letter Written/Approved

September 6, 1977

Zion Crude Oil Company P.O. Box 370 Hurricane, Utah 84737

Re: Well No. Ace #1
Sec. 23, T. 41 S, R. 12 W,
Washington County. Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3(C), General Rules and Regulations and Rules of Practice and Procedure.

However, as this Division is no longer approving multiple applications within a general area, due to the possibility of conflicting spacing patterns, etc.; this Division will withhold approval of your Ace #2 location until the #1 has been drilled and the outcome of the well determined. Should the #1 be found a dry hole, approval for the #2 may be granted at such time as you notify this office for the plugging procedure for the #1.

Should you determine that it will be necessary to plug and abandon the above referred to well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer HOME: 582-7247 OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

Zion Crude Oil Co September 6, 1977 Page Two

The API number assigned to this well is 43-053-30030.

Very truly yours,
DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT Director

CBF: sw

cc: U.S. Geological Survey

ZION CRUDE OIL COMPANY

P. O. Box 370 Hurricane, Utah 84737 (801) 635-4872

October 11, 1977

Mr. Ed Guynn U.S. Geological Survey Conservation Division 8440 Federal Building Salt Lake City, Utah 84138



RE: Amended location of proposed well ACE #1. Federal Lease U-27359

Dear Mr. Guynn:

Pursuant to our telephone conversation of 10-6-77, I have enclosed (in triplicate): one, an amended APD for ACE #1; two, a certified survey plat of the amended and current location of ACE #1; and three, a map of the general area showing and explaining surface access to the current proposed location of ACE #1.

Once again, the amended location specified for ACE #1 is in lieu of the location submitted 8-25-77. Further, there are no plans at present to drill ACE #2.

It is my understanding from Bill Martens that the original ACE #1 APD requires only your signature for final approval. We have chosen a more promising location for ACE #1 at this time, only because you stated that the amended location (because of its proximity and similarity to the original) would require neither an onsite inspection nor recontacting any associated agencies. Therefore, the approval for the amendedACE #1 APD would be forthcoming without delay.

It is critical that we be allowed to commence drilling as soon as possible. Thank you.

Sincerely,

Martin Kuetzing Vice-President

MAK/pa

SUBMIT IN TRIPLIC

orm approved. adget Bureau No. 42-R1425.

UNITED STATES DEPARTMENT OF THE INTERIOR

(Other instructions on reverse side)

	DEFARTMEN	OF THE	MILL	CIOIC		5. LEASE DESIGNATION AND SERIAL NO.
	GEOLO	GICAL SURV	ΕY			U-27359
APPLICATION	FOR PERMIT	O DRILL. I	DEEP	EN. OR PLUG	BACK	6. IF INDIAN, ALLOTTEE OB TRIBE NAME
la. TYPE OF WORK	* . •					- On the
DRI	LL 🛚	DEEPEN (PLUG BA	CK □	7. UNIT AGREEMENT NAME
b. TYPE OF WELL OIL [Y] GA	AS [7]			NGLE MULT	PLE	S. FARM OR LEASE NAME
OIL X GA WELL X W	ELL OTHER		20	ONE ZONE		
Zion Crude	Oil Company		*	•		9. WELL NO.
3. ADDRESS OF OPERATOR	<u> </u>					ACE #1
P.O. Box 3	70, Hurrican	e, Utah	847	37		10. FIELD AND POOL, OR WILDCAT
4. LOCATION OF WELL (R. At surface	eport location clearly and ed location;	in accordance wit	th any S	state requirements.*)		VIRGIN
1098 t	FEL & 1649.5	'FSL SEC	14	u lettel,		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC 14, T41S, R12W
Same	AND DIRECTION FROM NEA	REST TOWN OR POS	T OFFIC	C*	, , , , , , , , , , , , , , , , , , , ,	SLM 12. COUNTY OR PARISH 13. STATE
	x. 1 mile NE			•		Washington Utah
15. DISTANCE FROM PROPO	SED*			O. OF ACRES IN LEASE		OF ACRES ASSIGNED HIS WELL
LOCATION TO NEAREST PROPERTY OR LEASE I (Also to nearest drig	INE. FT.		3	60		(NE SE SEC 14)
18. DISTANCE FROM PROP	OSED LOCATION*			OPOSED DEPTH	20. ROTA	RY OB CABLE TOOLS
TO NEAREST WELL, DO OR APPLIED FOR, ON THE	is lease, ft. —		1	000'	ro	tary
21. ELEVATIONS (Show who		700' GR				within 90 days of approval date
23.	1	PROPOSED CASI	NG ANI	CEMENTING PROG	AM.	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	OOT	SETTING DEPTH	T	QUANTITY OF CEMENT
8"	7" OD	11.5#/ft	:.	100'	cem	ented to surface of
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previousl	y given for	ACE #1 (8	3-25	-77) .		u of the location
the origi Ed Guynn,	nal ACE #1. District En	Therefor gineer, ()	e, 10-6	pursuant to -77) only th	a phonis AP	to that filed for ne conversation with D (with the amended surface use map
are being	filed.	•				
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	for mainten OVED BY THE D		.IIE .	roimer virg.	Lii Caii	
	GAS, AND MINII				- 1 (*** 4 1 1	
					OF UTAH	TURAL RESOURCES
DATE	: Act- 14,19	77		DIVISION	OF OIL, GA	S, AND MINING
ns/	P/	00			T NORTH T	
IN ABOVE SPACE DESCRIBE	PROPOSED PROGRAM : H	proposal in to deep	pen or p	lug back, give data of	present prod	AM 36116 Identify zone and proposed new productive
one. If proposal is to preventer program, if an		my, give pertinen	t data d	on subsurface locations	and measure	d and true vertical depths. Give blowout
24.	1 1-1/-		<u>, , , , , , , , , , , , , , , , , , , </u>			
SIGNED	lathi Kung	TI	rle Vi	ce-Presiden	<u> </u>	DATE 10-11-77
	ral or State office use)	V				
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PERMIT NO.	· · · · · · · · · · · · · · · · · · ·			APPROVAL DATE		
APPROVED BYCONDITIONS OF APPROV	AT. TP ANY	TI	rle			DATE

Supplemental

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Supplemental
EIA NO. <u>685</u>
LEASE ZION OIL COMPANY U-27359 DATE 10/21/77
WELL NO. ACE #
LOCATION: NE 4 SE 4, SEC. 14 T. 415 R. 12W
FIELD VIRGIN COUNTY WAShington STATE UT
ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B
I. PROPOSED ACTION
7.01
FROPOSES TO DRILL AN OIL AND (COMPANY) PATCULS IN AND (COMPANY) PATCULS IN ABOUT 1000 FT. TD. 2) TO CONSTRUCT A
Portable Tank - Band,
3) TO CONSTRUCT \ O FT. WIDE X 800' MILES ACCESS ROAD AND UPGRADE 12
FT. WIDE X O. MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD. TO
GAS OIL PRODUCTION FACILITIES ON THE DISTURBED AREA FOR THE DRILL PAD
TRUCK TRANSPORT THE PRODUCTION THROUGH A PIPELINE TO A TIE-IN IN SECTION T. R. R.
2. LOCATION AND NATURAL SETTING (EXISTING ENVIRONMENTAL SITUATION).
(I) TOPOGRAPHY: ROLLING HILLS DISSECTED TOPOGRAPHY DESSERT
OR PLAINS STEEP CANYON SIDES NARROW CANYON FLOORS DEEP DRAINAGE
IN AREA SURFACE WATER
(2) VEGETATION: SAGEBRUSH PINION-JUNIPER PINE/FIR FARMLAND
(CULTIVATED) NATIVE GRASSES X OTHER B.Herz Brush, CLiff Rose, Brighing Tea,
With (TIO 27) (TIV)

(3) WILDLIFE: DEER ANTELOPE ELK BEAR X SMALL
MAMMA L BIRDS ENDANGERED SPECIES OTHER
THE COURT OF LEGICAL CONTENT
(4) LAND USE: RECREATION LIVESTOCK GRAZING AGRICULTURE MINING INDUSTRIAL RESIDENTIAL OIL & GAS OPERATIONS
REF I BLM UMBRELLA EAR
USFS EAR
OTHER ENVIRONMENTAL ANALYSIS
3. Effects on Environment by Proposed Action (potential impact)
1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNITS AND SUPPORT TRAFFIC
ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY.
2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE
DISTURBANCE AND SUPPORT TRAFFIC USE.
3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND
SURIACE DISTURBANCE. Entrance ALOW, Entrance Road to National Park.
4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK.
5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM.

4. Alternatives to the Proposed Action
1) NOT APPROVING THE PROPOSED PERMIT THE OIL AND GAS LEASE GRANTS THE
LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL
OIL AND GAS DEPOSITS.
O) P
2) Deny the proposed permit and suggest an alternate location to minimize ENVIRONMENTAL IMPACTS. NO ALTERNATE LOCATION ON THIS LEASE WOULD JUSTIFY THIS
ENVIRONMENTAL IMPACTS. NO ALTERNATE LOCATION ON THIS LEASE WOULD JUSTIFY THIS ACTION.
2A) LOCATION PLOTTED ON Topog was in error, Well is North of Canal,
3) Location was moved to avoid
LARGE SIDEHILL CUTS NATURAL DRAINAGE OTHER
4) BLM REQUEST THAT THEY BE PRETENT AT ROAD & SITC
Construction.
(DBS TACHOR)
5. Adverse Environmental Effects Which Cannot Be Avoided
1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM RIG ENGINES AND SUPPORT
TRAFFIC ENGINES.
2) MINOR INDUCED AND ACCELERATED FROSION POTENTIAL DUE TO SURFACE DISTURBANCE
AND SUPPORT TRAFFIC USE,
3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.
4) TEMPORARY DISTURBANCE OF LIVESTOCK.
5) MINOR AND SHORT-TERM VISUAL IMPACTS.
6)
6. DETERMINATION:
(THIS REQUESTED ACTION (DOES) (DOES NOT) CONSTITUTE A MAJOR
FEDERAL ACTION SIGNIFICANTLY AFFECTING THE ENVIRONMENT IN THE SENSE OF NEPA, SECTION 102(2) (C).
6 Total Marchine
DATE INSPECTED 10/21/77 US CEOLOGICAL SUDVEY
U. S. GEOLOGICAL SURVEY INSPECTOR J. EVANS. CONSERVATION DIVISION - OIL & GAS OPERATION
SALT LAKE CITY DISTRICT

District Notified Mailed to D.E.

To: District (Engineer,.
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NID			. •	•		•				
Operator			Well			Location Washin	gton Co, Utah			
Zion Crude C) 1 C	0	Ace #	1, Ace	H2	HWHW Sec 23 T. 415 , 7. 12W				
	Ground	elev.	Objective	,		Surface casing	Estimated T.D.			
U-27359	361:	2	oil in Ti	mpoweap,o	then	7" to 40 or 80'	3 10003			
Formation		ossible source	Estimated depth	Estimated thickness	marks *	,				
Moen 1500i Bro	w	ater	Surface	500?	En	esh water poss?	ble ton 400 H			
	_				h	sable " "	~ ~2500 "			
Timforeap 4	160	oil	400	20	a ll	V.rgin produc	tion			
Kaibab 2s		2	.500	900	<u> </u>	V				
Toraveap			1400	500	ما دارد	ows at base in 40	$\frac{15}{2}$, $\frac{15}{3}$			
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Competency of beds o	t prop	osed	casing set	lting point	s:	ok.				

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Addițional	logs or	samples	needed:_	Spore	Sisti Vita	minimum	-F	Rrillin.	_
hollons	1000	lost		V	, 1	THE TOTAL CONTRACTOR		0-1 117 00	4

* Where applicable note:

- 1. Potential oil and gas productive zones
- 2. Zones bearing fresh water
- 3. Possible lost circulation zones
- 4. Zones with abnormal pressure
- 5. Zones with abnormal temperature
- 6. Other minerals such as coal, oil shale, potash, etc.

Signed:

_Geologist

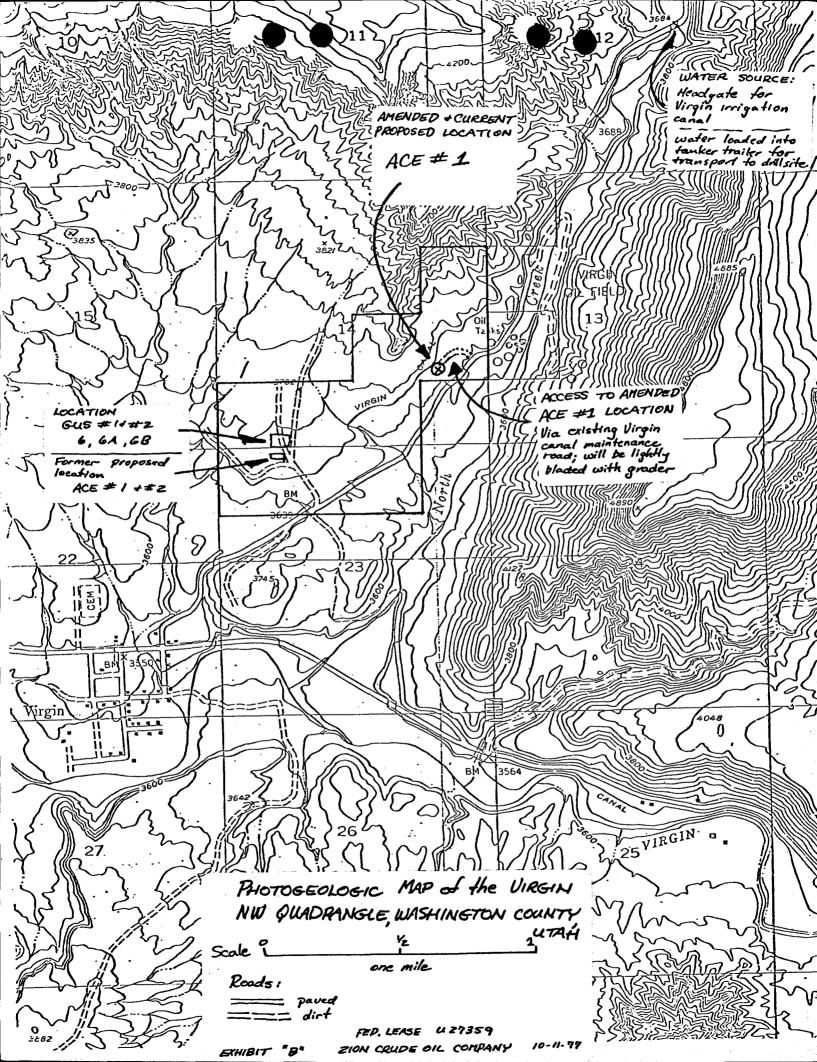
SUB-

SUBMIT IN TRIPLIC (Other instructions or reverse side) Form approved. Budget Bureau No. 42-R1425.

5. LEASE DESIGNATION AND SERIAL NO.

UNITED STATES DEPARTMENT OF THE INTERIOR

	GEOLOG	SICAL SURVE	ΞY	\mathcal{L}	ノ ・\	บ-27359	11118
APPLICATION	FOR PERMIT T	O DRILL, [DEEPE	N, OR PLUG B	ACK	6. IF INDIAN, ALEOTINE	OR TRIBE NAME
TYPE OF WORK	1011111111111	_				7. UNIT AGREEMENT N	ME S
DRIL	L 🗵	DEEPEN [_]	PLUG BAC	ж Ц		Z
OIL X CAS				NGLE MULTIPE	·• 🗌	S. FARM OR MAN NAI	点がいる
WELL WE	LL CI OTELE			•		4	197 FF
Zion Crude	Oil Company		•			9. WELL NO.	
ADDRESS OF OPERATOR	<u> </u>					ACE #1 C	M. TH
P.O. Box 37	70, Hurrican	e. Utah	847	37		10. FIELD AND POOL, C	R WILDGAT
TOCATION OF WELL (Re)	port location clearly and	in accordance wit	th any S	tate requirements.		VIRGIN	성유호
At surface Amende	d location;	see atta	ache	d letter;		11. SEC., T., R., M., OR AND SURVEY OR AL	rka
1098 I	FEL & 1649.5	FSL SEC	14	•		SEC 14, T4	ils,Rl2W
same						SLM	
. DISTANCE IN MILES AT	ND DIRECTION FROM NEAR	EST TOWN OR POS	T OFFICE	E* .		12. COUNTY OR PARISH	ł
Approx	k. 1 mile NE	of Virgi	in, I	Utah		Washington	Utah
DISTANCE FROM PROPOS			16. NO). OF ACRES IN LEASE	TO T	OF ACRES ASSIGNED HIS WELL	
LOCATION TO NEAREST PROPERTY OR LEASE LI (Also to nearest drlg.	NE, FT.		3	60	. 1	(NE SE SEC	L4) -
R DISTANCE FROM PROPO	SED LOCATION*			ROPOSED DEPTH	20. ROTA	RY OR CABLE TOOLS	•
TO NEAREST WELL, DR OR APPLIED FOR, ON THIS	ILLING, COMPLETED,		1	000'	ro	tary	
. ELEVATIONS (Show whether						within 90 c	PRE WILL START*
		700 GR				approval d	ate
	. P	PROPOSED CASI	NG ANI	D CEMENTING PROGRA	AM .		-
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	OOT	SETTING DEPTH		QUANTITY OF CEME	
8"	7" OD	11.5#/f	t.	100'		<u>ented to su</u>	rface of
					gro	und	
previously All informathe origin	y given for mation regar mal ACE #1.	ACE #1 (8 ding sur: Therefore gineer (8-25 face re,	ll-77) is i -77). use is iden pursuant to -77) only th fied survey	tical a pho is AP	to that fine conversa D (with the	led for tion with amended
are being	filed	menaca e		1100 001 00			
· · · · · · · · · · · · · · · · · · ·			•				រុក្ខិត ម <u>ុំ</u> ប្រឹទ្ធិត
Access to	the current	ACE #1	loca	tion will be	via	an existing	bladed
road used	for mainten	ance on	the	former Virgi	n Can	al.	
1000 000						er (in the state of the state	
				8		11 = =	
•	· (- //) -	-11	Jursian &	79.	2 Plan Dis	Kenn
(a smarl	al Stat						let
		proposal is to dec ally, give pertine	epen or nt data	plug back, give data on r on subsurface locations a	resent pro nd measur	ductive sone and proposed and true vertical dept	ed new productive ths. Give blowou
reventer program, if an	у.						<u> </u>
4.	Partir Kung	ung T	Vi	.ce-President	.	DATE 10-1	1-77
(This space for Fede	eral or State office use)	<u> </u>					₹ <u>₹</u>
			:	APPROVAL DATE			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
PERMIT NO.	D.) E. W. GUYNI	N					4 0 4077
•			iyapi 🗈	DISTRICT ENGIN	EER	- DATE : NOV	10 19/7
APPROVED BY	AT TRANT.	T	ITLE	· · · · · · · · · · · · · · · · · · ·			

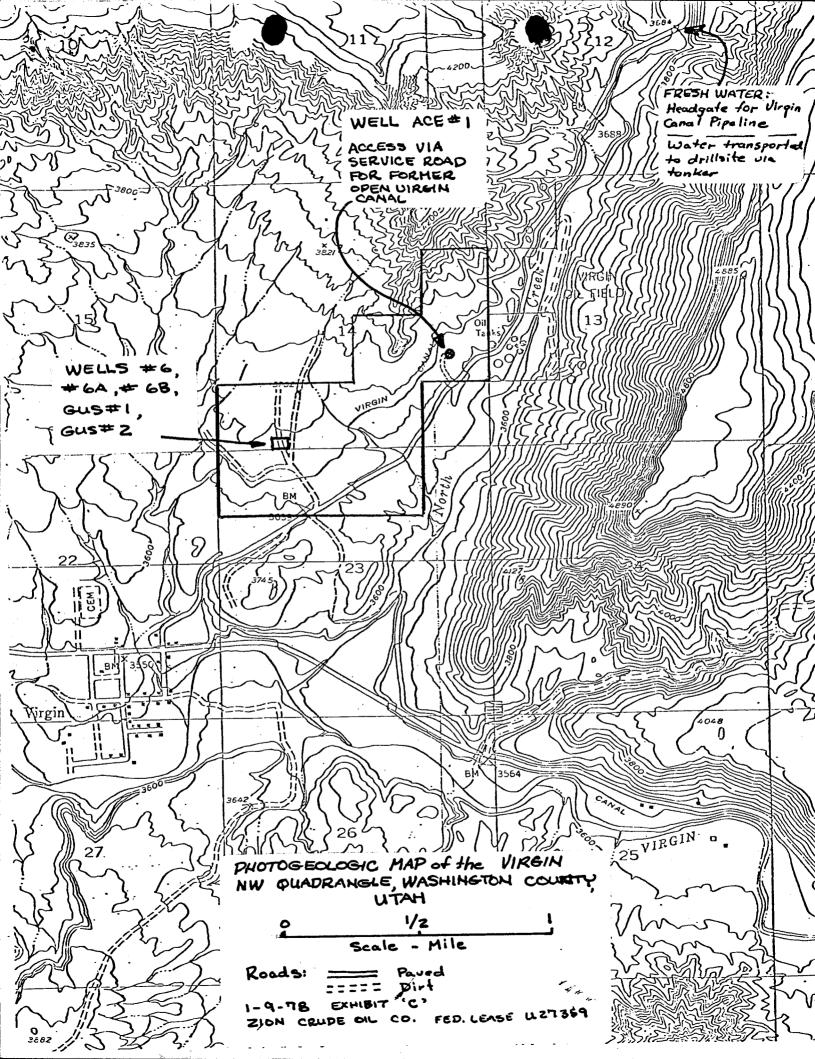


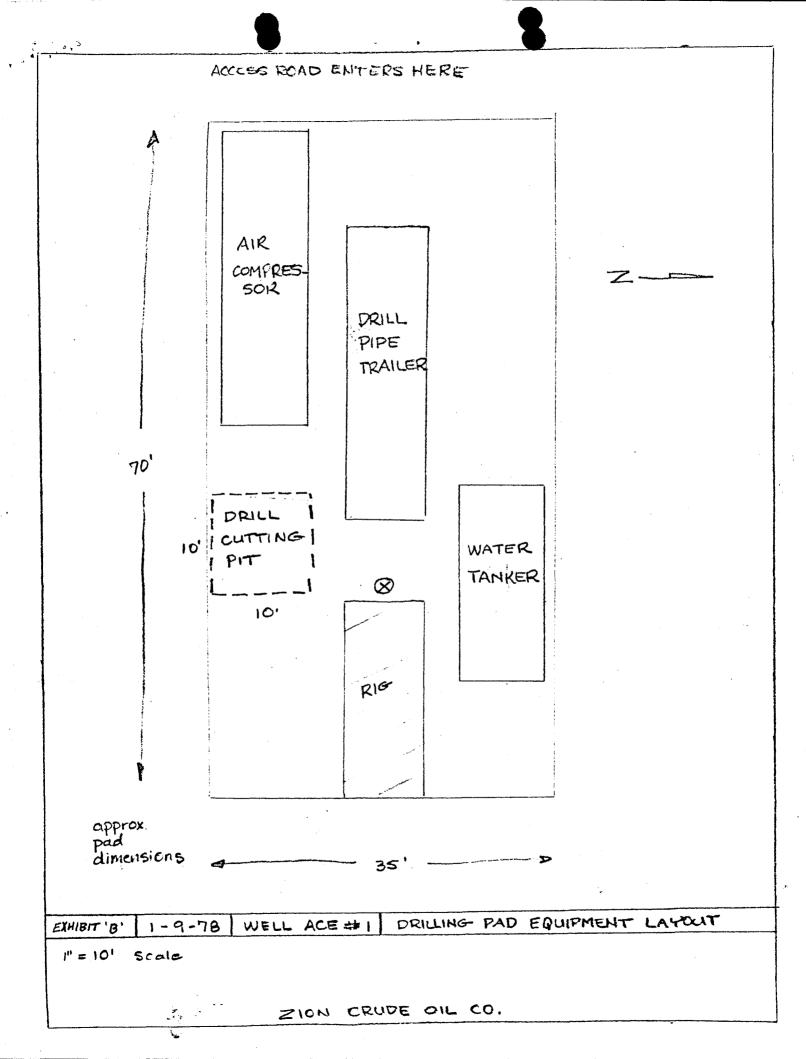
Form OGC-1b

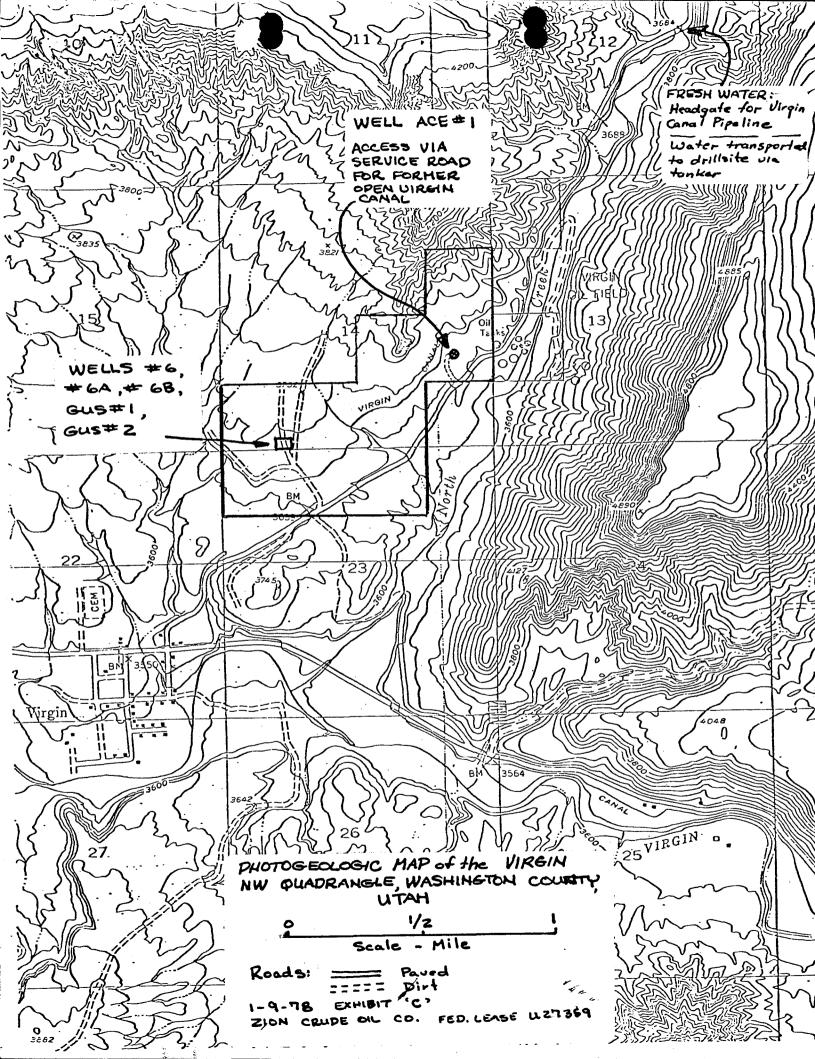
STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES



		DE OF CAS AND MIN		5. LEASE DESIGNATION AND SERIAL NO.
	DIVISIO	ON OF OIL, GAS, AND MIN	ING	บ-27359
	·			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
		CES AND REPORTS O		
	(Do not use this form for proposa	als to drill or to deepen or plug ba TION FOR PERMIT—" for such pro	ck to a different reservoir.	11/2
<u>.</u>			Dr.	7. UNIT AGREEMENT NAME
	WELL S WELL OTHER		LE VELET	NEW XX
2.	NAME OF OPERATOR		O JAN 19	PART DE LEASE NAME
	ZION CRUDE OIL COM	ID ANV	I WISION O	17/8
3.	ADDRESS OF OPERATOR	11 711/1	- \ \(\oldsymbol{\oldsymbol{G}} \\ \oldsymbol{\oldsymbol{G} \\ \oldsymbol{G} \\	
	POBOX 370, HURRICA	NE. UTAH 84737	\0;\(\frac{1}{2}\)	"" &CE #1
Į.	LOCATION OF WELL (Report location cle	early and in accordance with any S	tate requirements.	AON WELD AND POOL, OR WILDCAT
	See also space 17 below.) At surface		TIT	VIRGIN
	751'FEL & 1649.5'F	SL SEC 14		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
	,51 151 4 1613 6 1		•	
	•			SEC 14,T41S,R12W,SLM
14.	PERMIT NO.	15. BLEVATIONS (Show whether DF,	RT, GR, etc.)	12. COUNTY OR PARISH 18. STATE
		3700' GR		WASHINGTON UTAH _
		<u> </u>		
6.	Check Ap	propriate Box To Indicate No	ature of Notice, Keport, or	Other Data
	NOTICE OF INTENT	rion to:	SUBSI	EQUENT REPORT OF:
	TEST WATER SHUT-OFF	ULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
		ULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
		BANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
		HANGE PLANS	(Other)	
	(Other)		(Note: Report resulting or Recon	its of multiple completion on Well apietion Report and Log form.)
17.	A STATE OF THE STA	RATIONS (Clearly state all pertinent	dutuile and give portinent dat	es including estimated date of starting any
	proposed work. If well is direction nent to this work.) *	nally drilled, give subsurface location	ons and measured and true veri	ical depths for all markers and zones perti-
	Location of wellsi	te has been moved	d 347' due East	from location
	shown on ACE #1 AP	D of 10-11-77. Pt	ursuant tõ inst	cuctions from
	Ed Guynn, District	: Engineer and Job	nn Evans, Envir	onmental Specialist,
	of the USGS, Salt	Lake City, this s	sundry notice, a	a certified survey
	of the area (EXHIB	BIT 'A'). drillsi	te equipment lay	yout plan (EXHIBIT 'B'),
	and a general topo	graphic map of th	he area (EXHIBI	r'c') are
	enclosed.			
	Approval of the pr		location has be	een given by the
	local BLM represen	itative.		
	*			
			"A BBB OLIES BY THE	
			APPROVED BY THE	DIVISION OF
			OIL, GAS, AND MI	NING
			DATE: 1/12	190
	•		DIVIL.	
		·	BY: 01 1/8	
			DI	***************************************
12	. I hereby certify that the foregoing, is	true and correct		
10	M. F.V.+	* ***	ce-President	1-10-7 &
	SIGNED Marm rue'z	TITLE VI	CC -IICOICIIO	DATE
	(This space for Federal or State once	ce use)		
	• • • • • • • • • • • • • • • • • • •			·
	APPROVED BY	NY:		DATE
	COMPILIONS OF PLIPOANT IN Y			







10 11 507 53 W 5304.70 (61.0.724) NE 1/4 NE 1/4	589° 53'W	5309.70 (G.L.O.P.	(AT)	11 12
	JU SS W	J 50 7. 10 (G.L.O.)		
452 X			NE 1/4	2,00 (6,2,0 12.4
				492

10.

SW4, SE/4

SE4,5E4

SOUTH YACORNER SECTION 14, T415, RIZW, SLB&M.

EAST 1542.00

2653.86 (G.L.O. PLAT)

EAST

EAST 2640.0 (G.L.O. PLAT)

SECTION 14, TOWNSHIP 41 SOUTH RANGE 12 WEST, SLB&M.

SCALE 1"= 500'

SURVEYOR'S CERTIFICATE

I, Gale E. Day, St. George, Utah, do hereby certify that I am a registered Land Surveyor and that I hold License No. 2432, as prescribed by the laws of the State of Utah, and I have located a proposed Oil Well site at the following described location, located in Washington County, State of Utah.

The proposed Oil Well site is located in Section 14, Township 41 South, Range 12 West, Salt Lake Base and Meridian at a point East 1542.00 feet along the Section line and due North 1649.50 feet from the South 1/4 Corner of said Section 14.

Date 10-10-77

Sale E. Day

Gale E. Day License No. 2432 BUSH & GUDGELL, INC. Form OGC-1b

		IT OF NATURAL RESO		5. LEASE DESIGNATION U-27359	
	SUNDRY NOTICE (Do not use this form for proposals use "APPLICATIO")	S AND REPORTS to drill or to deepen or plug N FOR PERMIT—" for such		6. IF INDIAN, ALLOTTE	
1.	OIL GAS OTHER			7. UNIT AGREEMENT NA	•
2.	NAME OF OPERATOR ZION CRUDE OIL CO	MPANY		8. FARM OR LEASE NA	
8.	POB 370, Hurrican	e, Utah 84737		9. WELL NO. ACE #1	
4.	LOCATION OF WELL (Report location clear) See also space 17 below.) At surface	y and in accordance with an	y State requirements.*	10. FIELD AND POOL, O	R WILDCAT
	751'FEL & 1649.5'	FSL SEC 14		SEC14, T41S,	R12W,SLM
14.	PERMIT NO.	5. BLEVATIONS (Show whether D 3700 GR	of, RT, GR, etc.)	12. COUNTY OF PARISH WASHINGTON	UTAH
l 6 .	Check Appro	-	Nature of Notice, Report, or	Other Data	
	TEST WATER SHUT-OFF PULL FRACTURE TREAT MULT SHOOT OR ACIDIZE ABAN REPAIR WELL (Other) "SPUD-IN"	OB ALTER CASING PIPLE COMPLETE DON* GE PLANS	Completion or Recor	ALTERING C ABANDONME Its of multiple completion upletion Report and Log for	on Well
17.	DESCRIBE PROPOSED OR COMPLETED OPERATION proposed work. If well is directionally nent to this work.) •	ons (Clearly state all pertine drilled, give subsurface loc	nt defails, and give pertinent dat ations and measured and true ver	es, including estimated data	s and zones perti-

Well ACE #1 was "spud" on January 14, 1978.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING DATE:

18. I hereby certify that the foregoing is true and correct SIGNED	TITLE Vice-President	DATE 1-14-77
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE

JUNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY (FORM 9-329)

(2/76) OMB 42-RO 356

MONTHLY REPORT

OF

OPERATIONS

Lease No							
Communiti	zation A	greemen		<u>NA</u>	· · · ·		
Field Name	VIRC	SIN		·			
Unit Name	NA			1			entered and all transmissions of April Steam
Participatin	g Area.	NA	· · · · · · · · · · · · · · · · · · ·			- Hardan San (STE 41 Bullion	
County	WASHI	INGTON		<u> </u>	State.	UTAH	
County	ZION	CRUDE		COMP	ANY		
⊠ Amende							

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221 50), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

	feit the	bond (30 CFR	221.531	•						
	Weli No.	Sec. & ¼ of ¼	TWP	RNG	Well Status	Days Prod.	*Sarrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
GU	S #1	SW4 SW4 SEC 14	T415	12W	shut- in	-0-	-0-	-0-	-0-	insufficient oil production
AC	E #1	NE4SE4 SEC 14		12W	produc ing	4_	-100-	-0-	-5-	spud 1-14-78; completed on 1-20-78; firs produced on 1-26-78; wates trucked to #6A for disposal by injection.
#(ć Α	SW4 SW4 SEC14	415	120	ωρω					Injection.
1										

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MOF)	Water (BBL S)
*On hand, Start of Month	-3-	XXXXXXXXXXXXXXXXX	xxxxxxxxxxxxxx
*Produced	-100-		<u>-5-</u>
*Sold	none	-	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	none	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXX
*Used on Lease	none	<u> </u>	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
*Injected	none		_5_
Tinjecteu *Surface Pits		XXXXXXXXXXXXXXXX	none
*Other (Identify)	none		none
*On hand, End of Month	-108-	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX
*API Gravity/BTU Content 404 4	24.7	-0-	XXXXXXXXXXXXXXXX
Authorized Signature: Nice-President	Address	Sox 370, Hurric	ane, Utah 8473 one

STATE OF UTAH

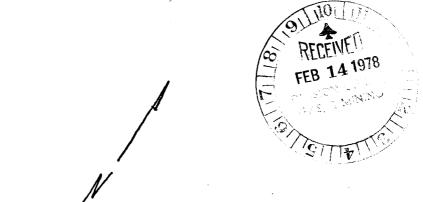
SUBA N TRIPLICATE*
(Obser instructions on reverse side)

DEPARTMENT OF NATURAL RESOURCES

	¥	DIVISIO	N OF OIL, GA	S, AND MI	NING	·	1			ND BERIAL NO.
								J-2735		OR TRIBE NAME
(De	SUNDI o not use this for U	RY NOTION OF THE PROPERTY OF T	CES AND R	EPORTS (eepen or plug —" for such p	ON WELLS back to a different roposals.)	Query 177				
i.	C 9A8 C		<u> </u>			EIVED	(3) T.	UNIT AGREE	MENT NAM	(1)
WELL	WELL L	OTHER			90/ IVLI	JLIVED 4 4 1078	√	FARM OR LI	PAGE WAVE	
	n Crude	Oil Com	nnan v		FEB	14 1978 ON OF OIL	3	FARM OR LI	IASE NAME	
	5 OF OPERATOR	011 00.	·pari		DIVISI	& WINING	1 9.	WELL NO.		
P.0	.Box 370	, Hurri	cane, Uta	ah 847	37 (3) GAS.	α		ACE #1	<i>:</i>	
4. LOCATIO	on or well (Repo	rt location cle	early and in accord			1130118	ンL.	VIRGIN		WILDCAT
751	'FEL & 1	649.5'F	SL SEC 14	L			- 1	EC14, T	OR AREA	R12W, SLM
14. PERMIT	No.		15. BLEVATIONS (S	how whether Di	, RT, GR, etc.)		12	. COUNTY OF	PARISH	18. STATE
			3700 ° 0	SR			W.	ASHING	TON	UTAH
16.		Check App	propriate Box To	Indicate N	lature of Notice	e, Report,	or Othe	r Data		
	NOT	ICE OF INTENT			1			REPORT OF	}	
TEST V	WATER SHUT-OFF		JLL OR ALTER CASIF	ve 🗍	WATER SH	UT-OFF		REP	AIRING WI	ell
	URE TREAT		ULTIPLE COMPLETE			TREATMENT			ERING CAS	1
	OR ACIDIZE	AI	BANDON*		SHOOTING	OR ACIDIZING		ABA	NDONMENT	•
REPAIR	WELL	CI	IANGE PLANS		(Other) _					
(Other	, produc	e well			(Nor	E; Report re detion or Rec	sults of rompletion	nultiple com Report and	pletion or Log form	1 Well 1.)
17. DESCRIB propo nent	se proposed or co osed work. If we to this work.) *	MPLETED OPER Il is direction	ATIONS (Clearly Sta ally drilled, give s	te all pertinen ubsurface loca	t details, and give tions and measured	pertinent d d and true ve	ates, incl ertical de	uding estima pths for all	ited date markers :	of starting any and zones perti-
1)	Well i	nitiall	y produce	d 1-26	- 78					
2)	Curren	t produ	ction of	25 bops	i expecte	d for	appro	ox. si	x mor	ths.
3)	Curren	t produ	ction of	1-2 BW	PD collec	ted an	d tr	acked	to We	:11 -
			; present							
4)			r used to							
	provid	ed by d	liesel dri	ven por	wer plant	; plan	s to	opera	te AC	E #1
			ction to							
5)	transm	ission ch is i	line by m .ncluded (OST all Exhibi	rect rout "A") sh	ing se	recte Exist	ed by Find	cho.	*
	access	road f	rom main	road to	the wel	l loca	tion	Inc	luded	i -
	_		h is a su							-
			s road to							
	be dri	ven pas	t the sto	orage t	anks and	back o	ut o	f the	same	•
			nterance.						_	
			eled with							:
			m a local							.on.
	The ex	tended	road way	wonTq 1	be surrac	ed in	tnis	manne	r.	
	7.7 - 1- ·	٠ السيميس		.			٠ د ـ	 ! # # ! !	<u> </u>	
•			cion may b mental DI <i>A</i>							
			the pump.							
18 I hereb			true and correct	, <u> </u>				days	*********	- III CIIII •
BIGNE	MM T	- • . / /	ing	TITLE Vi	ce-Presid	ent		DATE	2-8-7	<u>'8</u>
(This s	pace for Federal	or State office	use)							
				mimy Fa		'APPI	ROVED	BY_IH	E DIVI	SION OF
	TIONS OF APPE	OVAL, IF AN	NY:	TITLE		OIL,	GAS,	AND N	INING	,
						·	7			- 8

*See Instructions on Reverse Side

BY: Ph Muscell



EXISTING ROAD & FACILITIES -100 Barnel tank 190 Barrel tank WELL LOCATION EXTENTION OF ACCESS ROAD

- A. Precise location to be determined by joint inspection of BLM + USGS + Zion Oil Co. representatives
- B. At least part of the road extention may make use of originally orformerly bladed trails in the area,
- C. Road will be lightly bladed + covered with unwashed crushed gravel purchased from local contracter

MAIN ROAD - PAVED

WELL ACE #1 ZION CRUDE OIL COMPANY EXHIBIT A 2-8-78

Suggested extention of current access road to facilitate shipments of oil

SCALE 1" = 100'

ACCES ROAD ENTERS HERE
AIR COMFRES- SOIR DRILL PIPE TRAILER
70'
10
DRILL IO' CUTTING WATER TANKER
10'
RIG
approx. pad dimensions 35'
dimensions 35'
XHIBIT'B' 1-9-78 WELL ACE # DRILLING PAD EQUIPMENT LAYOUT
1" = 10' Scale
ZION CRUDE OIL CO.

8.3

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING 1588 West North Temple Salt Lake City, Utah 84116



REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Nam	e & Nui	mber	ACE #1			·		
Operator		Zion Cr	ude Oil	Company				
Ado	dress _	P.O.Box	370, н	urricane,	Utah	84737		
Contract	or	Zion Cr	ude Oil	Compan y				
Ade	dress _	same						
Location	NE_1,	/4 <u>SE</u> 1/4	; Sec. <u>1</u>	4 ; T. 41	N; R. 12	2 K; —	Washington	County
Water Sar	nds:							
Fro	Deptom -	<u>ch:</u> To -			lume: te or He	ad –		uality: or Salty -
•	30'	590		approx	. lgpm		Sal	ty
2	ssoc.	with oi	T					
3.		•						
4.								
5.								
Ne	o oth	er water	of any	kind end (Cont	counter	ed any Reverse	where in th Side if Neces	e well. sary)
Formation								

Formation Tops:

- NOTE: (a) Upon diminishing supply of forms, please inform this office.
 - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
 - (c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

SUBMIT IN DUI (See other inst

THE STATE OF THE S	
UBMIT IN DUPLS, E*	
(See other instructions	
on reverse side)	

P 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

		1			
5.	LEASE	DESIGNATION	AND	SERIAL	NO
	U-	-27359			

										U-2	735	9	
WELL CON	MPLETION	1 OR	RECO	MPLET	ION F	REPOR	T AN	D LO	G *	6. IF INDIAN	, ALLO	OTTEE OR TRIBE	NAME
ia. TYPE OF WELL	a: 01	r X	WELL	<u> </u>	RY .	Other	<u> </u>		$\overline{\lambda}$	7. UNIT AGR	EEMEN	T NAME	
b. TYPE OF COMP	LETION:	EP- []	PLNG [·. []	[(3) J	ENEU 197		S. FARM OB	LEASE	NAME	
WELL A	OVER L E	· U	BACK L	LES	VR	Other	HE	14 191	8 🛬	\			
	 RUDE OII	COM	PANY				-CQ	14	المال	9. WELL NO.			
3. ADDRESS OF OPER							- 15	1711 1900	NG A	ACE	#1		
	x 370, F	HURRT	CANE.	UTAI	н 84	73	'A	5. & MINI	L	וע		L, OR WILDCAT	
4. LOCATION OF WEL	L (Report locat	ion clearly	y and in o	ccordance	with any	y State Ker	uremen	te)*	47	VIR	GIN	1	
At surface 75	-							7777	(10)	11. SEC., T.,	R., M.,	OR BLOCK AND SU	DVEY
At top prod. inte	rval reported b							* 1 TW]		SEC14,		.s,R12W,S	SLM
At total depth	11.6												
saı	ne			14. PE	RMIT NO.		DATE	ISSUED		12. COUNTY	OR	13. STATE	
							11-	12-78		WASHIN	GTC	N UTAH	
15. DATE SPUDDED	16. DATE T.D.	REACHED	17. DATE	E COMPL.	(Ready to	prod.)	18. ELE	VATIONS (D	F, REB, F	T, GR, ETC.)*		ELEV. CASINGHE	AD
1-14-78	1-20-7	78	1-	-20-78	В			700			3	3700.51	
20. TOTAL DEPTH, MD A	TVD 21. PL	UG, BACK T	r.D., MD &		, IF MULT	TIPLE COM	PL.,	23. INT		ROTARY TOO	LS	CABLE TOOL	.8
690 '		pen	to 69	01	HOW M.	ANX		DRII	LED BY	percu	ssi	on	
24. PRODUCING INTER	AL(8), OF THE	S COMPLET	TION—TOP	BOTTOM,	NAME (M	D AND TV	D)*	•	_ 		2	5. WAS DIRECTION SURVEY MADE	
580' to	590 !											no	
6. TYPE ELECTRIC A	ND OTHER LOGS	RUN								1	27. V	WAS WELL CORED	,
no logs	of any i	vpe	run c	on th	is we	211						no	
28.	or any	-1 PC				ort all str	inas set i	n well)					
CASING SIZE	WEIGHT, LB	/FT.	DEPTH SE			LE SIZE	Ť		IENTING	RECORD		AMOUNT PULI	LED
7"OD	11.5#	/ft.	371		8" t	o 40	· a	pprox	• 3/2	yard. f	or	surface	ca
				•	63.11	from	401	to 6	901				
	-					1 2 0 1 1 1	7=-		<u></u>				
	_												
29.		LINER	RECORD					30.	7	TUBING RECO	ORD		
SIZE	TOP (MD)	BOTTON	f (MD)	SACKS CI	CMENT*	SCREEN	(MD)	SIZE		DEPTH SET (M	D)	PACKER SET (MD)
none								2"EU		600'		none	
31. PERFORATION REC	ORD (Interval,	size and n	iumber)			32.	AC	ID, SHOT	, FRACT	URE, CEMEN	r squ	EEZE, ETC.	
		•				DEPTH	INTERVA	L (MD)	MA	OUNT AND KIN	DOF	MATERIAL USED	
none requ	ırea					non	e re	quire	d				
												· · · · · · · · · · · · · · · · · · ·	
33.•			•			DUCTION							
1-26-78						umping—: Ø sub		ype of pur ible	np)			s (Producin s or 1Cing	
DATE OF TEST	HOURS TESTE	CH	OKE SIZE		N. FOR PERIOD	OIL-BÉ		GAS-M	CF.	WATER-BBI	. 1	GAS-OIL BATIO	
1-26/2-8	10 day	s -		1257		25 B	OPD	non	e	1 BWPD	<i>).</i>		
FLOW. TUBING PRESS.	CASING PRESS		CULATED HOUR RAT	OIL—		1 .	S-MCF.		WATER-			GRAVITY-API (COR	2.)
	atmosp	herte -		25	BOPI	0 n	one		1-	2 BWPD		1.7 API	
34. DISPOSITION OF G.		or fuel, ve	nted, etc.)							TEST WITNES		B¥	
none pro						•				Kuetzi	.ng		
35. LIST OF ATTACH													
ONE: F	orm OGC-	-8-X,	Utah	Sta	te ∙08	G for	rmati	Lon w	ater	report		£	
36. I hereby certify				nformation	is comp	lete and c	orrect a	determin	ed from	all available r	ecorde	8	
SIGNED /	Martin /	Luch	we	er t	TLE V	ice-P	resi	dent		77. ≜ AT	_ 2-	-8-78	

Form OGC-8-X
File In Quadruplicate

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING 1588 West North Temple Salt Lake City, Utah 84116



REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Nu	ımber ACE #1		
Operator	Zion Crude Oil	Company	
Address	P.O.Box 370, H	urricane, Utah 84737	
Contractor	Zion Crude Oil	Company	
Address	same		
Location NE]	/4 <u>SE</u>]/4; Sec. <u>1</u>	4; T. 41 k; R. 12 k;	Washington County
Water Sands:			
From -	th: To -	Volume: Flow Rate or Head -	<u>Quality:</u> Fresh or Salty -
1. 580'	590'	approx. lgpm	Salty
2.	WICH OIL		
3.			
4.			
5			
No oth	er water of any	y kind encountered any (Continue on Reverse	where in the well. Side if Necessary)
Formation Tops			

NOTE: (a) Upon diminishing supply of forms, please inform this office.

(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.

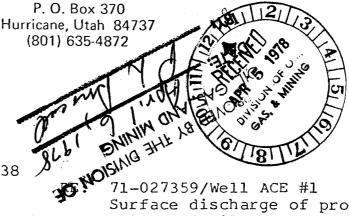
(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

ZION CRUDE OIL COMPANY

(801) 635-4872

March 31, 1978

Mr. Ed Guynn District Engineer USGS Conservation Division 8440 Federal Building Salt Lake City, Utah 84138



71-027359/Well ACE #1 Surface discharge of produced water and oil

Dear Mr. Guynn:

Listed below, in accordance with NTL-3, are the conditions and circumstances concerning the spill and subsequent clean-up operation cited above:

- At the present time, while waiting for approval to drill WDW ACE #1 and to operate it as a Water Disposal Well, we are collecting produced water in one tank located near ACE #1. This tank (and the tank used to store crude oil) is equipped with a float switch, which when activated by the presence of fluid (a full tank) is to interrupt electrical power to the well pump; this switch apparently failed in the early morning hours on March 20, 1978, resulting in an overflow and thereby a surface discharge of produced water and an oil scum which collects on this water in the tank.
- 2) The discharged fluid was guided by a shallow wash to the South-east of the well location.
- Not more than 20 barrels of water (850 gallons) nor approx-3) imately ½ barrel of oil was spilled. The issue was somewhat complicated by the use of a few thousand gallons of fresh water used in an attempt to "rinse" the wash and carry the "oil scum" to a more accessible location. No serious damage to the flora in the wash was observed; the spill did not enter any stream.
- The spill occurred on March 20, 1978 shortly after midnight. 4)
- The discharge was discovered around 8:00 AM, and then stopped. 5)
- 6) New float switches have been installed, and a watchman is on duty whenever the pump is operating in an effort to prevent future spills.
- Oil stained soil were collected, mixed with clean soil and then buried. Lawton Specialty Company's (Dallas) MP-900 neutralizer has been ordered as a follow-up for treating certain areas if necessary.
- 8) The original switches wer constructed locally; the replacements are commercial types.
- The local BLM office was also notified.

Martin Kuntzuig, UP Sincerely,

January 10, 1979

MEMO TO FILE

Re: ZION OIL COMPANY
Well No. ACE #1
Sec. 14, T. 41S, R. 12W
SLBM, Washington, County, Utah

On January 10, 1979 it was discovered that this well had been plugged and abandoned. A marker has been erected and the well identified. However, three storage tanks are still on location. The operator failed to notify this Division that this well was to be plugged.

C.B. FEIGHT DIRECTOR

CBF/lw cc: U.S. Geological Survey

1

May 16, 1979

MEMO TO FILE

Re: ZION CRUDE OIL COMPANY Well No. Ace #1

Sec. 14, T. 41S, R. 12W Washington County, Utah

This well has been plugged and abandoned.

However, the tank battery and seperator are still on location and from a distance this looks like a producing lease.

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT DIRECTOR

CBF/1w

cc: U. S. Geological Survey

67

SCOTT M. MATHESON Governor

GORDON E. HARMSTON

Executive Director,

NATURAL RESOURCES

CLEON B. FEIGHT

Director



OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771
June 15, 1979

Zion Crude Oil Company P. O. Box 370 Hurricane, Utah 84737

Re: Well No. Ace #1
Sec. 14, T. 41S, R. 12W,
Washington County, Utah

Gentlemen:

According to a memo dated May 16, 1979 (attached), the above mentioned well has been plugged and abandoned.

Rule D-2, General Rules and Regulations and Rules of Practice and Procedure, requires that a Subsequent Report of Abandonment be filed within (30) thirty days after the plugging of any well.

In order that we may keep our records accurate and complete, please complete the enclosed Form OGC-lb, in duplicate, and forward them to this office as soon as possible.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

thy aula

DIVISION OF OIL, GAS, AND MINING

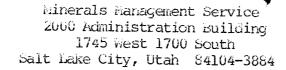
KATHY AVILA RECORDS CLERK

attachment

DEPARTMENT OF NATURAL RESOURCES



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February 11, 1982

Zion Crude Uil Company Box 370 Hurricane, Utah 84737

Re: Application for Permit to Drill Well No. Ace #2 and Ace #3 Section 14. T. 41S, R. 12W. Washington County, Utah Lease No. U-27359

Gentlemen:

The Applications for Permit to Drill the referenced wells were approved August 29 and August 11, 1976, respectively. Since that date no known activity has transpired at the approved locations. Under current District policy, application's for permit to drill are effective for a period of one year. In view of the foregoing this office is rescinding the approval of the referenced applications without prejudice. If you intend to drill at these locations on a future date a new application for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for these drill sites. Any surface disturbance associated with the approved locations of these wells is to be rehabilitated. A schedule for this rehabilitation must, then be submitted. Your cooperation in this matter is appreciated.

Sincerely,

Drilling Unit Supervisor

E. W. Guynn District Oil and Gas Supervisor

bcc: SMA-BLM, Cedar City

State Office (O&G)

State Office (BLM)

MMS-Vernal

Well File

APD Control

WHM/ab



DIVISION OF OIL, GAS & MINING